



UNITED STATES ARMY
SPACE AND MISSILE
DEFENSE COMMAND

Future Warfare Center

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Summary

- Develops, integrates, and transitions military concepts and capabilities that enhance doctrine, organization, training, materiel, leader development, personnel and facilities (DOTMLPF)
- Develops militarily significant prototypes, and rapidly distributes them to warfighting forces worldwide
- Designs and conducts experiments that validate new tactics, techniques, and procedures
- Develops and manages computer models and simulations that help evaluate operational impact of innovations
- Operates and manages high-performance computing facilities
- Provides studies, assessments, and operational analyses that influence current and future warfighting methods and capabilities
- Identifies, evaluates, and rapidly transitions Information Operations and software engineering technologies to accelerate transformation of the network-centric battlefield
- Provides key and significant support of horizontal integration actions across all Battle Labs

As the Army integrator and proponent for space and missile defense mission areas, Future Warfare Center identifies, develops and rapidly transitions concepts, and innovations that enhance Army and joint warfighting capabilities.

The Future Warfare Center (FWC) has operations in Huntsville, Ala.; Colorado Springs, Colo.; and Arlington, Va. FWC designs, develops, and evaluates innovative concepts and capabilities falling within the U.S. Strategic Command's (STRATCOM) mission areas. FWC integrates these concepts and capabilities into joint and Army architectures; validates science and technology priorities; leads experimentation, synchronization, and integration of U.S. Army Space and Missile Defense Command (SMDC) mission area capabilities with joint, interagency, and multinational capabilities; and serves as the SMDC lead for space and ground-based midcourse defense proponentcy.

Secure the High Ground

The Future Warfare Center (FWC) was formed by combining the SMDC Force Development and Integration Center, the Space and Missile Defense Battle Lab, and the Information Sciences and Technology Directorate. The resulting organization has the objectives of improving the business flow in the SMDC force development process; building operational architectures; validating science and technology; optimizing linkages between concepts and analysis and transitioning technologies in U.S. Strategic Command (STRATCOM) mission areas; facilitating better technology transfer; optimizing coordination with the U.S. Army Training and Doctrine Command (TRADOC) Futures Center; and, as the SMDC lead for space and ground-based midcourse defense proponentcy. The organization is structured as follows.

FWC (Huntsville, Ala.)

Leads, manages, controls, coordinates, and directs all FWC operations; oversees mission and support planning; guides and directs management, allocation, and distribution of resources; provides organizational, general, and administrative activities; sets internal priorities; provides headquarters interface with customer and stakeholder organizations.

Space and Missile Defense Battle Lab (Colorado Springs, Colo.; Huntsville, Ala.; and Arlington, Va.)

Develops and validates concepts leading to doctrine, operations, training, materiel, leadership development, personnel and facilities (DOTMLPF) alternatives and solutions; conducts and evaluates experiments and war games; develops prototypes, tools, hardware, and future operational concepts and capabilities; and delivers innovations to the warfighter.

Directorate of Combat Development (Colorado Springs, Colo. and Arlington, Va.)

Provides integrated force development, generation of capabilities documents (for materiel solutions); designs training development concepts, assessments and evaluations, education and doctrinal tactics, techniques, and procedures; and trains personnel to perform mission area functions.

Simulations and Analysis Directorate (Huntsville, Ala.)

Develops, manages, and conducts modeling and simulation and provides computer support; conducts military capabilities studies, assessments, and analyses. Provides technology evaluations and experiments to support full spectrum Information Operations for network-centric systems. Develops and continuously improves processes to assure acquisition of high quality, reliable, and secure network-centric systems for the Army and joint warfighter.

Innovative Ventures Office (Huntsville, Ala.)

Facilitates rapid transition of technologies and innovations to customers/stakeholders; coordinates FWC transition planning and activities vertically within SMDC and with external commands, agencies, and activities.

Operations Division (Huntsville, Ala.)

Supports all FWC offices in the areas of current and strategic operations, future/strategic planning, resource management/Planning, Programming, Budget Execution System, logistics and administrative support, and other activities as required.

Liaison Offices

Provide an on-site presence to represent FWC with key stakeholder and customer organizations; support horizontal integration across all Battle Labs, selected TRADOC schools, the Stryker Brigade, STRATCOM and Directorates of Combat Development.



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